

## LOWER ELECTRODE DESIGN FOR HIGHER UNIFORMITY

### Abstract of the Disclosure

- 5           A plasma processing system for processing a substrate is disclosed. The plasma processing system includes a process chamber within which a plasma is both ignited and sustained for processing. The plasma processing system further includes an electrode disposed at the lower end of the process chamber. The electrode is configured for generating an electric field inside the process chamber. The plasma
- 10       processing system also includes a component for controlling an impedance between the electrode and the plasma. The impedance is arranged to affect the electric field to improve processing uniformity across the surface of the substrate.